

Attorney Docket No.: 0160105
Application Serial No.: 10/600,930

List of Claims:

Claim 1 (Currently Amended): A device comprising:

an encoder configured to receive a speech sample and generate an encoded voice packet from said speech sample, said encoded voice packet having a packet size and a plurality of bytes;

an encryption unit configured to receive a voice block and generate an encrypted voice block, said voice block having a block size, wherein said packet size is not divisible by said block size and yields a remainder; and

a packet block manager configured to divide said encoded voice packet into a plurality of [[said]] first voice blocks each having said block size, and provide said plurality of [[said]] first voice blocks to said encryption unit, said packet block manager further configured to create a remainder voice block having said block size and including remainder bytes of said encoded voice packet and additional bytes from said [[encrypted]] plurality of first voice blocks and provide said remainder voice block to said encryption unit.

Claim 2 (Currently Amended): The device of claim 1, wherein said packet block manager applies a mask to said [[encrypted]] plurality of first voice packets for determining said additional bytes.

Claim 3 (Cancelled)

Claim 4 (Original): The device of claim 1, wherein said encoder is a G.711 encoder.

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Claim 5 (Original): The device of claim 1, wherein said encryption unit employs Advanced Encryption Standard encryption.

Claim 6 (Currently Amended): A method comprising [[the steps of]]:

generating an encoded voice packet from a speech sample, said encoded voice packet having a packet size and a plurality of bytes;

creating an encrypted voice block from a voice block, said voice block having a block size, wherein said packet size is not divisible by said block size and yields a remainder;

dividing said encoded voice packet into a plurality of [[said]] first voice blocks each having said block size;

providing said plurality of [[said]] first voice blocks to said encryption unit;

creating a remainder voice block having said block size and including remainder bytes of said encoded voice packet and additional bytes from said [[encrypted]] plurality of first voice blocks; and

providing said remainder voice block to said encryption unit.

Claim 7 (Currently Amended): The method of claim 6 further comprising [[the step of]] applying a mask to said [[encrypted]] plurality of first voice packets for determining said additional bytes.

Claim 8 (Cancelled)

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Claim 9 (Currently Amended): The method of claim 6, wherein said [[step of]] generating said encoded voice packet uses a G.711 encoder.

Claim 10 (Currently Amended): The method of claim 6, wherein said [[step of]] creating said encrypted voice block employs Advanced Encryption Standard encryption.

Claim 11 (Currently Amended): A computer software product comprising:

- code for generating an encoded voice packet from a speech sample, said encoded voice packet having a packet size and a plurality of bytes;
- code for creating an encrypted voice block from a voice block, said voice block having a block size, wherein said packet size is not divisible by said block size and yields a remainder;
- code for dividing said encoded voice packet into a plurality of [[said]] first voice blocks having said block size;
- code for providing said plurality of [[said]] first voice blocks to said encryption unit;
- code for creating a remainder voice block having said block size and including remainder bytes of said encoded voice packet and additional bytes from said [[encrypted]] plurality of first voice blocks; and
- code for providing said remainder voice block to said encryption unit.

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Claim 12 (Currently Amended): The computer software product of claim 11 further comprising code for applying a mask to said ~~[[encrypted]]~~ plurality of first voice packets for determining said additional bytes.

Claim 13 (Cancelled)

Claim 14 (Original): The computer software product of claim 11, wherein said code for generating said encoded voice packet uses a G.711 encoder.

Claim 15 (Original): The computer software product of claim 11, wherein said code for creating said encrypted voice block employs Advanced Encryption Standard encryption.